

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	438	"216"/\$.ccls. and ((wire filament fiber thread string) same mask)	US-PGPUB; USPAT	OR	ON	2006/11/30 13:57
L2	7	"216"/\$.ccls. and ((wire filament fiber thread string) same mask) and (blow\$3 same (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/11/30 13:58
L8	1	etch.cdm. and (fibril wire filament fiber thread string).cdm. same mask\$3.cdm. and (blow\$3).cdm. and (air gas vapor).cdm.	US-PGPUB; USPAT	OR	ON	2006/11/30 14:00
L9	1	etch.cdm. and (fibril wire filament fiber thread string).cdm. and mask\$3.cdm. and (blow\$3).cdm. and (air gas vapor).cdm.	US-PGPUB; USPAT	OR	ON	2006/11/30 14:01
L10	2	etch\$3.cdm. and (fibril wire filament fiber thread string).cdm. and mask\$3.cdm. and (blow\$3).cdm. and (air gas vapor).cdm.	US-PGPUB; USPAT	OR	ON	2006/11/30 14:01
L11	4	etch\$3 and (fibril wire filament fiber thread string) and mask\$3 and (blow\$3) and (air gas vapor)	EPO; JPO; DERWENT	OR	ON	2006/11/30 14:02
L12	3	etch\$3 same (fibril wire filament fiber thread string) same mask\$3 same (blow\$3) same (air gas vapor)	EPO; JPO; DERWENT	OR	ON	2006/11/30 14:03
L13	6	etch\$3 same (fibril wire filament fiber thread string) same mask\$3 same (blow\$3) same (air gas vapor)	US-PGPUB; USPAT	OR	ON	2006/11/30 14:03
L14	36	liu-xinbing.in. and mask\$3	US-PGPUB; USPAT	OR	ON	2006/11/30 14:04
L15	22	liu-xinbing.in. and mask\$3 and etch\$3	US-PGPUB; USPAT	OR	ON	2006/11/30 14:04
S8	47	156/345.2.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/30 13:56
S9	19	S8 and mask\$3	US-PGPUB; USPAT	OR	ON	2006/03/16 11:40
S10	52	("4398994").URPN.	USPAT	OR	ON	2006/03/16 11:49
S11	3	("3647508"   "4126511"   "4242378").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 11:45
S12	538240	S10 adn wire	USPAT	OR	ON	2006/03/16 11:49
S13	3	S10 and wire	USPAT	OR	ON	2006/03/16 11:49
S14	2	(156/345.&.ccls. "216"/\$.ccls.) and (mask\$3 with (blow\$3) with (hole pore poro\$4 pocket bubble) with (vapor gas air))	US-PGPUB; USPAT	OR	ON	2006/03/16 12:05
S15	39	(mask\$3 with (blow\$3) with (hole pore poro\$4 pocket bubble) with (vapor gas air))	US-PGPUB; USPAT	OR	ON	2006/03/16 12:13
S16	10	("5887520").URPN.	USPAT	OR	ON	2006/03/16 12:07
S17	3	("3668028"   "5483883").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 12:08
S18	118	(156/345.\$.ccls. "216"/\$.ccls.) AND ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air))	US-PGPUB; USPAT	OR	ON	2006/03/16 12:14
S19	48	(156/345.\$.ccls. "216"/\$.ccls.) AND ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) with (form\$4 creat\$4 produc\$4))	US-PGPUB; USPAT	OR	ON	2006/03/16 12:24
S20	6	("4291444" "4440729" "5389853" "5955839" "6433303" "6647613").PN.	US-PGPUB; USPAT	OR	ON	2006/03/16 12:22
S21	23	("4322600"   "4734558"   "4937424"   "5168454"   "5296673"   "5367143"   "5376771"   "5414239"   "5596594"   "5676866"   "5792411"   "5948289"   "5955839"   "6038075"   "6040552"   "6058132"   "6087625"   "6120976"   "6172329"   "6184490"   "6208458"   "6211485"   "6215099").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 12:23
S22	338	(etch\$3) and mask\$3 AND ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	US-PGPUB; USPAT	OR	ON	2006/03/16 12:25

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S23	4	(etch\$3) and mask\$3 AND ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	EPO; JPO; DERWENT	OR	ON	2006/03/16 12:27
S24	3	(etch\$3) same mask\$3 same ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	EPO; JPO; DERWENT	OR	ON	2006/03/16 12:28
S25	4	(etch\$3) and mask\$3 and ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	EPO; JPO; DERWENT	OR	ON	2006/03/16 12:27
S26	7	(etch\$3) same mask\$3 same ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	US-PGPUB; USPAT	OR	ON	2006/03/16 12:29
S27	16	(pattern\$) same mask\$3 same ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	US-PGPUB; USPAT	OR	ON	2006/03/16 12:39
S28	19692	(216/41-51.ccls. 216/56.\$ccls.) ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	US-PGPUB; USPAT	OR	ON	2006/03/16 17:08
S29	8	(216/41-51.ccls. 216/56.\$ccls.) and ( (blow\$3) with (pit\$4CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	US-PGPUB; USPAT	OR	ON	2006/03/16 12:37
S30	9	(216/41-51.ccls. 216/56.\$ccls.) and ( (blow\$3) with (pit\$4 CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	US-PGPUB; USPAT	OR	ON	2006/03/16 12:49
S31	12	(pattern\$) and mask\$3 and ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	EPO; JPO; DERWENT	OR	ON	2006/03/16 12:41
S32	349	(pattern\$) and ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	EPO; JPO; DERWENT	OR	ON	2006/03/16 12:42
S33	11	(pattern\$) and ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) ) and etch\$3	EPO; JPO; DERWENT	OR	ON	2006/03/16 12:42
S34	65	("216"/\$.ccls.) and ( (blow\$3) with (pit\$4 CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	US-PGPUB; USPAT	OR	ON	2006/03/16 15:08
S35	70	liu-xinbing.in.	US-PGPUB; USPAT	OR	ON	2006/03/16 14:48
S36	28	liu-xinbing.in. and mask\$3	US-PGPUB; USPAT	OR	ON	2006/11/30 14:04
S37	16	srinivasarao.in.	US-PGPUB; USPAT	OR	ON	2006/03/16 15:07
S38	373	(427/348).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/16 15:08
S39	84	S38 and ( (pit\$4 CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	US-PGPUB; USPAT	OR	ON	2006/03/16 15:14
S40	94	S38 and ( pattern\$3 ).	US-PGPUB; USPAT	OR	ON	2006/03/16 15:14
S41	43	S38 and ( pattern\$3 and polymer\$5 )	US-PGPUB; USPAT	OR	ON	2006/03/16 15:14
S42	6	S38 and ( pattern\$3 same polymer\$5 )	US-PGPUB; USPAT	OR	ON	2006/03/16 15:14
S43	14	("5545434").URPN.	USPAT	OR	ON	2006/03/16 15:39
S44	6	("3908057"   "4276101"   "4618530"   "5118557"   "5158821"   "5322729").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 15:40
S45	5	("4472461").URPN.	USPAT	OR	ON	2006/03/16 15:58
S46	1	("3694260").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/16 15:58
S47	5	("3694260").URPN.	USPAT	OR	ON	2006/03/16 16:29
S48	502	pattern\$3 same wire same ((gas air vapor) with (blow\$3 jet pressur\$5))	USPAT	OR	ON	2006/03/16 16:29
S49	676	pattern\$3 same wire same ((gas air vapor) with (blow\$3 jet pressur\$5))	US-PGPUB; USPAT	OR	ON	2006/03/16 16:29

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S50	68	pattern\$3 with wire with ((gas air vapor) with (blow\$3 jet pressur\$5))	US-PGPUB; USPAT	OR	ON	2006/03/16 16:30
S51	1033	pattern\$3 with ((gas air vapor) with (blow\$3 jet pressur\$5)) with (bubble pore porosity porous hole orifice)	US-PGPUB; USPAT	OR	ON	2006/03/16 16:30
S52	7	pattern\$3 with ((gas air vapor) with (blow\$3 jet pressur\$5)) with (bubble pore porosity porous hole orifice) with polymer\$6	US-PGPUB; USPAT	OR	ON	2006/03/16 16:36
S53	155	pattern\$3 with tungsten with wire	US-PGPUB; USPAT	OR	ON	2006/03/16 16:36
S54	38	pattern\$3 with tungsten with wire with etch\$3	US-PGPUB; USPAT	OR	ON	2006/03/16 16:36
S55	173	tungsten same wire same etch\$3 same mask\$4	US-PGPUB; USPAT	OR	ON	2006/03/16 16:41
S56	22	tungsten same wire same etch\$3 same mask\$4	EPO; JPO; DERWENT	OR	ON	2006/03/16 16:37
S57	6	tungsten same wire same etch\$3 same mask\$4 same polymer\$7	US-PGPUB; USPAT	OR	ON	2006/03/16 16:42
S58	10	mask with (blow\$3 jet\$3 pressur\$5) with (gas air vapor) with wire	US-PGPUB; USPAT	OR	ON	2006/03/16 16:46
S59	13921	(blow\$3 jet\$3 pressur\$5) with (gas air vapor) with polymer\$6	US-PGPUB; USPAT	OR	ON	2006/03/16 16:47
S60	99	(blow\$3 jet\$3 pressur\$5) with (gas air vapor) with polymer\$6 with pattern\$3	US-PGPUB; USPAT	OR	ON	2006/03/16 16:47
S61	6	(blow\$3 jet\$3 pressur\$5) with (gas air vapor) with polymer\$6 with pattern\$3 with (hole cavity pore porosity porous micro\$1cavity micro\$1hole micro\$1por\$4)	US-PGPUB; USPAT	OR	ON	2006/03/16 16:49
S62	0	((blow\$3 jet\$3 pressur\$5) with (gas air vapor) with polymer\$6) and 156/345.2.ccls.	US-PGPUB; USPAT	OR	ON	2006/03/16 16:50
S63	0	(mask\$3 with (wire fiber filament)) and 156/345.2.ccls.	US-PGPUB; USPAT	OR	ON	2006/03/16 16:55
S64	1675	("0118-63").PN. or ((118/64) or (118/65) or (118/66) or (118/67) or (118/68)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/16 16:56
S65	2289	((118/63) or (118/64) or (118/65) or (118/66) or (118/67) or (118/68)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/16 16:56
S66	94	S65 and mask\$3	US-PGPUB; USPAT	OR	ON	2006/03/16 16:57
S67	306	S65 and (mask\$3 resist\$3)	US-PGPUB; USPAT	OR	ON	2006/03/16 16:58
S68	25	S65 and ((mask\$3 resist\$3) with (hole cavity pore porosity porous micro\$1cavity micro\$1hole micro\$1por\$4bubble pocket recess orifice pit\$4))	US-PGPUB; USPAT	OR	ON	2006/03/16 16:58
S69	21534	(216/41-51.ccls. 216/56.\$ccls.) ( pattern\$3 with polymer )	US-PGPUB; USPAT	OR	ON	2006/03/16 17:08
S70	309	(216/41-51.ccls. 216/56.\$ccls.) and ( pattern\$3 with polymer\$4 )	US-PGPUB; USPAT	OR	ON	2006/03/16 17:09
S71	36	(216/41-51.ccls. 216/56.\$ccls.) and (( pattern\$3 with polymer\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:17
S72	42	(216/41-51.ccls. 216/56.\$ccls.) and ((moist\$4 humid\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:17
S73	3	(216/41-51.ccls. 216/56.\$ccls.) and (mask with (moist\$4 humid\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:18
S74	0	(118/63-68.ccls.) and (mask with (moist\$4 humid\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:18
S75	0	(118/63-68.ccls.) and (mask\$3 with (moist\$4 humid\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:18

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S76	0	(118/63-68.ccls.) and (mask\$3 with (moist\$4 humid\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:18
S77	3	(216/41-51.ccls. 216/56\$.ccls.) and (mask\$3 with (moist\$4 humid\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:18
S78	122	(118/63-68.ccls.) and ( (moist\$4 humid\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:19
S79	2	(118/63-68.ccls.) and (pattern\$4 with (moist\$4 humid\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:19
S80	9	(mask\$3 with pattern\$4 with (moist\$4 humid\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:21
S81	69	(mask\$3 with tungsten with wire)	US-PGPUB; USPAT	OR	ON	2006/03/16 17:22
S82	76	(mask\$3 with tungsten with (filament fibre fiber wire)) and etch\$3	US-PGPUB; USPAT	OR	ON	2006/03/16 17:22
S83	52	(mask\$3 with tungsten with (filament fibre fiber wire)) and etch\$3 and (strip\$3 clean\$3 solvent\$3)	US-PGPUB; USPAT	OR	ON	2006/03/16 17:47
S84	2895	((118/63-68) or (216/90-91) or (156/345.2) or (156/345.22)). CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/16 19:00
S85	90	S84 and ((coat\$3 deposit ((film layer) with form\$3)) and etch\$3 and (solvent strip\$3 clean\$3) and mask\$3)	US-PGPUB; USPAT	OR	ON	2006/03/16 18:48
S86	17	S84 and ((coat\$3 deposit ((film layer) with form\$3)) and etch\$3 and (solvent strip\$3 clean\$3) and mask\$3) and (wire fiber fibre filament)	US-PGPUB; USPAT	OR	ON	2006/03/16 17:50
S87	124	etch\$3 with (tungsten adj (wire filament fiber fiber))	US-PGPUB; USPAT	OR	ON	2006/03/16 18:18
S88	16	(etch\$3 with (tungsten adj (wire filament fiber fiber))) same mask\$3	US-PGPUB; USPAT	OR	ON	2006/03/16 18:26
S89	1	("5539273").URPN.	USPAT	OR	ON	2006/03/16 18:23
S90	0	("5690532").URPN.	USPAT	OR	ON	2006/03/16 18:24
S91	12	("3259778"   "3340718"   "3497425"   "4038579"   "4452677"   "5083059"   "5117154"   "5144201"   "5527199").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 18:24
S92	8	(etch\$3 with (tungsten adj (wire filament fiber fiber))) same mask\$3	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 18:27
S93	13	S84 and (etch\$3 and mask\$3 and wire)	US-PGPUB; USPAT	OR	ON	2006/03/16 18:51
S94	33102	(etch\$3 and mask\$3 and wire)	US-PGPUB; USPAT	OR	ON	2006/03/16 18:51
S95	2461	(etch\$3 and mask\$3 and wire)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 18:51
S96	119	moore-karla.xa.	US-PGPUB; USPAT	OR	ON	2006/03/16 18:51
S97	33	("1880751"   "2406157"   "2445372"   "3647596"   "4410561"   "4434554"   "4511095"   "4623156"   "4630406"   "4653681"   "4662307"   "4865411"   "4976596"   "5022735"   "5114066"   "5269206"   "5281272"   "5340371"   "5451294"   "5481638"   "5684910"   "5800645"   "5894540"   "5939136"   "5988556"   "6027062"   "6069988"   "6088503"   "6123801").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 18:57
S98	41	etch\$3 with "tungsten filament"	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 18:57
S99	513	(216/90-91).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/16 19:01

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S10 0	48	S99 and (wire filament)	US-PGPUB; USPAT	OR	ON	2006/03/16 19:01
S10 1	75	S99 and (wire filament fibre fiber)	US-PGPUB; USPAT	OR	ON	2006/03/16 19:01
S10 2	36	S99 and (wire filament fibre fiber) and (mask\$3 resist\$3)	US-PGPUB; USPAT	OR	ON	2006/03/16 19:10
S10 3	2	("5215624").URPN.	USPAT	OR	ON	2006/03/16 19:04
S10 4	8	("5164016"   "5215624"   "5248386"   "5338367"   "5354383"   "5690748"   "5843240"   "5908511").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 19:05
S10 5	39	S101 not S102	US-PGPUB; USPAT	OR	ON	2006/03/16 19:10
S10 6	2	("2530436").URPN.	USPAT	OR	ON	2006/03/16 19:11
S10 7	18	("4803136").URPN.	USPAT	OR	ON	2006/03/16 19:12
S10 8	17	("2530436"   "3415699"   "3617386"   "3723269"   "3815534"   "4003505"   "4122595"   "4175166"   "4219126"   "4245010"   "4256812"   "4345611"   "4416388"   "4476200").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 19:13
S10 9	12	("3415699").URPN.	USPAT	OR	ON	2006/03/16 19:14
S11 0	17	("2530436"   "3415699"   "3617386"   "3723269"   "3815534"   "4003505"   "4122595"   "4175166"   "4219126"   "4245010"   "4256812"   "4345611"   "4416388"   "4476200").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 19:18
S11 1	11	("3898095").URPN.	USPAT	OR	ON	2006/03/16 19:22
S11 2	14	("5340436").URPN.	USPAT	OR	ON	2006/03/16 19:26
S11 3	31	("20020051039"   "20020067391"   "20020080373"   "20020117845"   "20030035938"   "4398994"   "4552614"   "4584590"   "4610755"   "4668533"   "4685997"   "4879568"   "4959120"   "5155498"   "5266386"   "5273575"   "5281474"   "5340436"   "5381162"   "5406318"   "5543009"   "5628921"   "5729365"   "5787558"   "6196662"   "6218004"   "6257689"   "6290315"   "6491385"   "6506315"   "6565173").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 19:30
S11 4	46	("4552614").URPN.	USPAT	OR	ON	2006/03/16 19:31
S11 5	9	("5266386").URPN.	USPAT	OR	ON	2006/03/16 19:51

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S11 6	60	(US-20050205011-\$ or US-20050076689-\$).did. or (US-4339296-\$ or US-4398994-\$ or US-4126511-\$ or US-4517045-\$ or US-5061837-\$ or US-4869778-\$ or US-5190463-\$ or US-5340436-\$ or US-5887520-\$ or US-5971051-\$ or US-6433303-\$ or US-4291444-\$ or US-3742182-\$ or US-5540871-\$ or US-5935617-\$ or US-3689629-\$ or US-6797315-\$ or US-4237209-\$ or US-4272612-\$ or US-5916393-\$ or US-4472461-\$ or US-5322729-\$ or US-4405878-\$ or US-3694260-\$ or US-5958137-\$ or US-4704348-\$).did. or (US-5567237-\$ or US-3816214-\$ or US-3869313-\$ or US-5762749-\$ or US-5539273-\$ or US-5690532-\$ or US-5215624-\$ or US-H002087-\$ or US-5248386-\$ or US-4803136-\$ or US-2530436-\$ or US-3415699-\$ or US-4124437-\$ or US-5352634-\$ or US-5426074-\$ or US-3329542-\$ or US-3898095-\$ or US-4432846-\$ or US-5672407-\$ or US-6932451-\$ or US-4552614-\$ or US-4915780-\$ or US-5628921-\$ or US-6946082-\$ or US-4767489-\$ or US-5266386-\$ or US-6218004-\$).did. or (US-2530436-\$ or US-3415699-\$).did. or (JP-2005268226-\$).did. or (US-20050205011-\$ or US-5690532-\$).did.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2006/03/16 20:50
S11 7	25	S116 and polymer\$4	US-PGPUB; USPAT	OR	ON	2006/03/16 20:50
S11 8	19	S116 and (polymer\$4 with (mask\$4 resist\$4))	US-PGPUB; USPAT	OR	ON	2006/03/16 20:04
S11 9	21	S116 and wire	US-PGPUB; USPAT	OR	ON	2006/03/16 20:50
S12 0	8	S116 and (wire with etch\$3)	US-PGPUB; USPAT	OR	ON	2006/03/16 20:53
S12 1	387	("204"/\$.ccls. "205"/\$.ccls.) and (etch\$3 with wire)	US-PGPUB; USPAT	OR	ON	2006/03/16 20:53
S12 2	41	("204"/\$.ccls. "205"/\$.ccls.) and (etch\$3 with (wire "tungsten filament") with (mask\$3 resist\$3))	US-PGPUB; USPAT	OR	ON	2006/03/16 22:16
S12 3	1	("6433303").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/16 22:16

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	438	"216"/\$.ccls. and ((wire filament fiber thread string) same mask)	US-PGPUB; USPAT	OR	ON	2006/11/30 13:57
L2	7	"216"/\$.ccls. and ((wire filament fiber thread string) same mask) and (blow\$3 same (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/11/30 16:10
L8	1	etch.clm. and (fibril wire filament fiber thread string).clm. same mask\$3.clm. and (blow\$3).clm. and (air gas vapor).clm.	US-PGPUB; USPAT	OR	ON	2006/11/30 14:00
L9	1	etch.clm. and (fibril wire filament fiber thread string).clm. and mask\$3.clm. and (blow\$3).clm. and (air gas vapor).clm.	US-PGPUB; USPAT	OR	ON	2006/11/30 14:01
L10	2	etch\$3.clm. and (fibril wire filament fiber thread string).clm. and mask\$3.clm. and (blow\$3).clm. and (air gas vapor).clm.	US-PGPUB; USPAT	OR	ON	2006/11/30 14:01
L11	4	etch\$3 and (fibril wire filament fiber thread string) and mask\$3 and (blow\$3) and (air gas vapor)	EPO; JPO; DERWENT	OR	ON	2006/11/30 14:02
L12	3	etch\$3 same (fibril wire filament fiber thread string) same mask\$3 same (blow\$3) same (air gas vapor)	EPO; JPO; DERWENT	OR	ON	2006/11/30 14:03
L13	6	etch\$3 same (fibril wire filament fiber thread string) same mask\$3 same (blow\$3) same (air gas vapor)	US-PGPUB; USPAT	OR	ON	2006/11/30 14:03
L14	36	liu-xinbing.in. and mask\$3	US-PGPUB; USPAT	OR	ON	2006/11/30 14:04
L15	22	liu-xinbing.in. and mask\$3 and etch\$3	US-PGPUB; USPAT	OR	ON	2006/11/30 14:04
L16	4	"34"/\$.ccls. and ((wire filament fiber thread string) same mask) and (blow\$3 same (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/11/30 15:46
L17	3	"34"/\$.ccls. and etch\$3 and mask\$3 and ((wire filament fiber thread string)) and (blow\$3 same (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/11/30 15:44
L18	94	(34/526).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/30 15:44
L19	5	"34"/\$.ccls. and ((wire filament fiber thread string) same mask\$3) and (blow\$3 same (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/11/30 15:47
L20	13	"34"/\$.ccls. and ((wire filament fiber thread string) same mask\$3)	US-PGPUB; USPAT	OR	ON	2006/11/30 15:47
L21	16	"34"/\$.ccls. and ((wire filament fiber thread string strand) same mask\$3)	US-PGPUB; USPAT	OR	ON	2006/11/30 16:04
L22	1170	(34/61,90,611,623,625,629,630,636).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/30 16:04
L23	497	22 and ((blow\$3 jet\$4 flow\$3) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/11/30 16:06
L24	19	23 and etch\$3	US-PGPUB; USPAT	OR	ON	2006/11/30 16:05
L25	18	22 and mask\$3	US-PGPUB; USPAT	OR	ON	2006/11/30 16:08
L26	4	22 and reticle	US-PGPUB; USPAT	OR	ON	2006/11/30 16:08
L27	12	"216"/\$.ccls. and ((wire filament fiber thread string) same (mask\$3 reticle)) and (blow\$3 same (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/11/30 16:11
L28	5	27 not 2	US-PGPUB; USPAT	OR	ON	2006/11/30 16:10
L29	12	"216"/\$.ccls. and ((strand wire filament fiber thread string) same (mask\$3 reticle)) and (blow\$3 same (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/11/30 16:11
L30	45	"118"/\$.ccls. and ((strand wire filament fiber thread string) same (mask\$3 reticle)) and (blow\$3 same (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/11/30 16:11
L31	134	"118"/\$.ccls. and ((strand wire filament fiber thread string) same (mask\$3 reticle)) and ((blow\$3 jet\$4 flow\$4) same (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/11/30 16:12

## EAST Search History

L32	48	31 and etch\$3	US-PGPUB; USPAT	OR	ON	2006/11/30 16:12
S8	47	156/345.2.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/30 13:56
S9	19	S8 and mask\$3	US-PGPUB; USPAT	OR	ON	2006/03/16 11:40
S10	52	("4398994").URPN.	USPAT	OR	ON	2006/03/16 11:49
S11	3	("3647508"   "4126511"   "4242378").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 11:45
S12	538240	S10 adn wire	USPAT	OR	ON	2006/03/16 11:49
S13	3	S10 and wire	USPAT	OR	ON	2006/03/16 11:49
S14	2	(156/345.&.ccls. "216"/\$.ccls.) and (mask\$3 with (blow\$3) with (hole pore poro\$4 pocket bubble) with (vapor gas air))	US-PGPUB; USPAT	OR	ON	2006/03/16 12:05
S15	39	(mask\$3 with (blow\$3) with (hole pore poro\$4 pocket bubble) with (vapor gas air))	US-PGPUB; USPAT	OR	ON	2006/03/16 12:13
S16	10	("5887520").URPN.	USPAT	OR	ON	2006/03/16 12:07
S17	3	("3668028"   "5483883").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 12:08
S18	118	(156/345.\$.ccls. "216"/\$.ccls.) AND ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air))	US-PGPUB; USPAT	OR	ON	2006/03/16 12:14
S19	48	(156/345.\$.ccls. "216"/\$.ccls.) AND ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) with (form\$4 creat\$4 produc\$4))	US-PGPUB; USPAT	OR	ON	2006/03/16 12:24
S20	6	("4291444" "4440729" "5389853" "5955839" "6433303" "6647613").PN.	US-PGPUB; USPAT	OR	ON	2006/03/16 12:22
S21	23	("4322600"   "4734558"   "4937424"   "5168454"   "5296673"   "5367143"   "5376771"   "5414239"   "5596594"   "5676866"   "5792411"   "5948289"   "5955839"   "6038075"   "6040552"   "6058132"   "6087625"   "6120976"   "6172329"   "6184490"   "6208458"   "6211485"   "6215099").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 12:23
S22	338	(etch\$3) and mask\$3 AND ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	US-PGPUB; USPAT	OR	ON	2006/03/16 12:25
S23	4	(etch\$3) and mask\$3 AND ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	EPO; JPO; DERWENT	OR	ON	2006/03/16 12:27
S24	3	(etch\$3) same mask\$3 same ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	EPO; JPO; DERWENT	OR	ON	2006/03/16 12:28
S25	4	(etch\$3) and mask\$3 and ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	EPO; JPO; DERWENT	OR	ON	2006/03/16 12:27
S26	7	(etch\$3) same mask\$3 same ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	US-PGPUB; USPAT	OR	ON	2006/03/16 12:29
S27	16	(pattern\$) same mask\$3 same ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	US-PGPUB; USPAT	OR	ON	2006/03/16 12:39
S28	19692	(216/41-51.ccls. 216/56.\$.ccls.) ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	US-PGPUB; USPAT	OR	ON	2006/03/16 17:08
S29	8	(216/41-51.ccls. 216/56.\$.ccls.) and ( (blow\$3) with (pit\$4CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	US-PGPUB; USPAT	OR	ON	2006/03/16 12:37
S30	9	(216/41-51.ccls. 216/56.\$.ccls.) and ( (blow\$3) with (pit\$4 CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	US-PGPUB; USPAT	OR	ON	2006/03/16 12:49
S31	12	(pattern\$) and mask\$3 and ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	EPO; JPO; DERWENT	OR	ON	2006/03/16 12:41



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S32	349	(pattern\$) and ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	EPO; JPO; DERWENT	OR	ON	2006/03/16 12:42
S33	11	(pattern\$) and ( (blow\$3) with (CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) ) and etch\$3	EPO; JPO; DERWENT	OR	ON	2006/03/16 12:42
S34	65	("216"/\$.ccis.) and ( (blow\$3) with (pit\$4 CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	US-PGPUB; USPAT	OR	ON	2006/03/16 15:08
S35	70	liu-xinbing.in.	US-PGPUB; USPAT	OR	ON	2006/03/16 14:48
S36	28	liu-xinbing.in. and mask\$3	US-PGPUB; USPAT	OR	ON	2006/11/30 14:04
S37	16	srinivasarao.in.	US-PGPUB; USPAT	OR	ON	2006/03/16 15:07
S38	373	(427/348).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/16 15:08
S39	84	S38 and ( (pit\$4 CAVITY RECESS hole pore poro\$4 pocket bubble) with (vapor gas air) )	US-PGPUB; USPAT	OR	ON	2006/03/16 15:14
S40	94	S38 and ( pattern\$3 )	US-PGPUB; USPAT	OR	ON	2006/03/16 15:14
S41	43	S38 and ( pattern\$3 and polymer\$5 )	US-PGPUB; USPAT	OR	ON	2006/03/16 15:14
S42	6	S38 and ( pattern\$3 same polymer\$5 )	US-PGPUB; USPAT	OR	ON	2006/03/16 15:14
S43	14	("5545434").URPN.	USPAT	OR	ON	2006/03/16 15:39
S44	6	("3908057"   "4276101"   "4618530"   "5118557"   "5158821"   "5322729").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 15:40
S45	5	("4472461").URPN.	USPAT	OR	ON	2006/03/16 15:58
S46	1	("3694260").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/16 15:58
S47	5	("3694260").URPN.	USPAT	OR	ON	2006/03/16 16:29
S48	502	pattern\$3 same wire same ((gas air vapor) with (blow\$3 jet pressur\$5))	USPAT	OR	ON	2006/03/16 16:29
S49	676	pattern\$3 same wire same ((gas air vapor) with (blow\$3 jet pressur\$5))	US-PGPUB; USPAT	OR	ON	2006/03/16 16:29
S50	68	pattern\$3 with wire with ((gas air vapor) with (blow\$3 jet pressur\$5))	US-PGPUB; USPAT	OR	ON	2006/03/16 16:30
S51	1033	pattern\$3 with ((gas air vapor) with (blow\$3 jet pressur\$5)) with (bubble pore porosity porous hole orifice)	US-PGPUB; USPAT	OR	ON	2006/03/16 16:30
S52	7	pattern\$3 with ((gas air vapor) with (blow\$3 jet pressur\$5)) with (bubble pore porosity porous hole orifice) with polymer\$6	US-PGPUB; USPAT	OR	ON	2006/03/16 16:36
S53	155	pattern\$3 with tungsten with wire	US-PGPUB; USPAT	OR	ON	2006/03/16 16:36
S54	38	pattern\$3 with tungsten with wire with etch\$3	US-PGPUB; USPAT	OR	ON	2006/03/16 16:36
S55	173	tungsten same wire same etch\$3 same mask\$4	US-PGPUB; USPAT	OR	ON	2006/03/16 16:41
S56	22	tungsten same wire same etch\$3 same mask\$4	EPO; JPO; DERWENT	OR	ON	2006/03/16 16:37
S57	6	tungsten same wire same etch\$3 same mask\$4 same polymer\$7	US-PGPUB; USPAT	OR	ON	2006/03/16 16:42
S58	10	mask with (blow\$3 jet\$3 pressur\$5) with (gas air vapor) with wire	US-PGPUB; USPAT	OR	ON	2006/03/16 16:46
S59	13921	(blow\$3 jet\$3 pressur\$5) with (gas air vapor) with polymer\$6	US-PGPUB; USPAT	OR	ON	2006/03/16 16:47

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S60	99	(blow\$3 jet\$3 pressur\$5) with (gas air vapor) with polymer\$6 with pattern\$3	US-PGPUB; USPAT	OR	ON	2006/03/16 16:47
S61	6	(blow\$3 jet\$3 pressur\$5) with (gas air vapor) with polymer\$6 with pattern\$3 with (hole cavity pore porosity porous micro\$1cavity micro\$1hole micro\$1por\$4)	US-PGPUB; USPAT	OR	ON	2006/03/16 16:49
S62	0	((blow\$3 jet\$3 pressur\$5) with (gas air vapor) with polymer\$6) and 156/345.2.ccls.	US-PGPUB; USPAT	OR	ON	2006/03/16 16:50
S63	0	(mask\$3 with (wire fiber filament)) and 156/345.2.ccls.	US-PGPUB; USPAT	OR	ON	2006/03/16 16:55
S64	1675	("0118-63").PN. or ((118/64) or (118/65) or (118/66) or (118/67) or (118/68)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/16 16:56
S65	2289	((118/63) or (118/64) or (118/65) or (118/66) or (118/67) or (118/68)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/16 16:56
S66	94	S65 and mask\$3	US-PGPUB; USPAT	OR	ON	2006/03/16 16:57
S67	306	S65 and (mask\$3 resist\$3)	US-PGPUB; USPAT	OR	ON	2006/03/16 16:58
S68	25	S65 and ((mask\$3 resist\$3) with (hole cavity pore porosity porous micro\$1cavity micro\$1hole micro\$1por\$4bubble pocket recess orifice pit\$4))	US-PGPUB; USPAT	OR	ON	2006/03/16 16:58
S69	21534	(216/41-51.ccls. 216/56.\$ccls.) ( pattern\$3 with polymer )	US-PGPUB; USPAT	OR	ON	2006/03/16 17:08
S70	309	(216/41-51.ccls. 216/56.\$ccls.) and ( pattern\$3 with polymer\$4 )	US-PGPUB; USPAT	OR	ON	2006/03/16 17:09
S71	36	(216/41-51.ccls. 216/56.\$ccls.) and (( pattern\$3 with polymer\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:17
S72	42	(216/41-51.ccls. 216/56.\$ccls.) and ((moist\$4 humid\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:17
S73	3	(216/41-51.ccls. 216/56.\$ccls.) and (mask with (moist\$4 humid\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:18
S74	0	(118/63-68.ccls.) and (mask with (moist\$4 humid\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:18
S75	0	(118/63-68.ccls.) and (mask\$3 with (moist\$4 humid\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:18
S76	0	(118/63-68.ccls.) and (mask\$3 with (moist\$4 humid\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:18
S77	3	(216/41-51.ccls. 216/56.\$ccls.) and (mask\$3 with (moist\$4 humid\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:18
S78	122	(118/63-68.ccls.) and ( (moist\$4 humid\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:19
S79	2	(118/63-68.ccls.) and (pattern\$4 with (moist\$4 humid\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:19
S80	9	(mask\$3 with pattern\$4 with (moist\$4 humid\$4) with (air gas vapor))	US-PGPUB; USPAT	OR	ON	2006/03/16 17:21
S81	69	(mask\$3 with tungsten with wire)	US-PGPUB; USPAT	OR	ON	2006/03/16 17:22
S82	76	(mask\$3 with tungsten with (filament fibre fiber wire)) and etch\$3	US-PGPUB; USPAT	OR	ON	2006/03/16 17:22
S83	52	(mask\$3 with tungsten with (filament fibre fiber wire)) and etch\$3 and (strip\$3 clean\$3 solvent\$3)	US-PGPUB; USPAT	OR	ON	2006/03/16 17:47
S84	2895	((118/63-68) or (216/90-91) or (156/345.2) or (156/345.22)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/16 19:00
S85	90	S84 and ((coat\$3 deposit ((film layer) with form\$3)) and etch\$3 and (solvent strip\$3 clean\$3) and mask\$3)	US-PGPUB; USPAT	OR	ON	2006/03/16 18:48

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S86	17	S84 and ((coat\$3 deposit ((film layer) with form\$3)) and etch\$3 and (solvent strip\$3 clean\$3) and mask\$3) and (wire fiber fibre filament)	US-PGPUB; USPAT	OR	ON	2006/03/16 17:50
S87	124	etch\$3 with (tungsten adj (wire filament fiber fiber))	US-PGPUB; USPAT	OR	ON	2006/03/16 18:18
S88	16	(etch\$3 with (tungsten adj (wire filament fiber fiber))) same mask\$3	US-PGPUB; USPAT	OR	ON	2006/03/16 18:26
S89	1	("5539273").URPN.	USPAT	OR	ON	2006/03/16 18:23
S90	0	("5690532").URPN.	USPAT	OR	ON	2006/03/16 18:24
S91	12	("3259778"   "3340718"   "3497425"   "4038579"   "4452677"   "5083059"   "5117154"   "5144201"   "5527199").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 18:24
S92	8	(etch\$3 with (tungsten adj (wire filament fiber fiber))) same mask\$3	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 18:27
S93	13	S84 and (etch\$3 and mask\$3 and wire)	US-PGPUB; USPAT	OR	ON	2006/03/16 18:51
S94	33102	(etch\$3 and mask\$3 and wire)	US-PGPUB; USPAT	OR	ON	2006/03/16 18:51
S95	2461	(etch\$3 and mask\$3 and wire)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 18:51
S96	119	moore-karla.xa.	US-PGPUB; USPAT	OR	ON	2006/03/16 18:51
S97	33	("1880751"   "2406157"   "2445372"   "3647596"   "4410561"   "4434554"   "4511095"   "4623156"   "4630406"   "4653681"   "4662307"   "4865411"   "4976596"   "5022735"   "5114066"   "5269206"   "5281272"   "5340371"   "5451294"   "5481638"   "5684910"   "5800645"   "5894540"   "5939136"   "5988556"   "6027062"   "6069988"   "6088503"   "6123801").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 18:57
S98	41	etch\$3 with "tungsten filament"	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 18:57
S99	513	(216/90-91).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/16 19:01
S100	48	S99 and (wire filament)	US-PGPUB; USPAT	OR	ON	2006/03/16 19:01
S101	75	S99 and (wire filament fibre fiber)	US-PGPUB; USPAT	OR	ON	2006/03/16 19:01
S102	36	S99 and (wire filament fibre fiber) and (mask\$3 resist\$3)	US-PGPUB; USPAT	OR	ON	2006/03/16 19:10
S103	2	("5215624").URPN.	USPAT	OR	ON	2006/03/16 19:04
S104	8	("5164016"   "5215624"   "5248386"   "5338367"   "5354383"   "5690748"   "5843240"   "5908511").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 19:05
S105	39	S101 not S102	US-PGPUB; USPAT	OR	ON	2006/03/16 19:10
S106	2	("2530436").URPN.	USPAT	OR	ON	2006/03/16 19:11
S107	18	("4803136").URPN.	USPAT	OR	ON	2006/03/16 19:12
S108	17	("2530436"   "3415699"   "3617386"   "3723269"   "3815534"   "4003505"   "4122595"   "4175166"   "4219126"   "4245010"   "4256812"   "4345611"   "4416388"   "4476200").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 19:13

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S10 9	12	("3415699").URPN.	USPAT	OR	ON	2006/03/16 19:14
S11 0	17	("2530436"   "3415699"   "3617386"   "3723269"   "3815534"   "4003505"   "4122595"   "4175166"   "4219126"   "4245010"   "4256812"   "4345611"   "4416388"   "4476200").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 19:18
S11 1	11	("3898095").URPN.	USPAT	OR	ON	2006/03/16 19:22
S11 2	14	("5340436").URPN.	USPAT	OR	ON	2006/03/16 19:26
S11 3	31	("20020051039"   "20020067391"   "20020080373"   "20020117845"   "20030035938"   "4398994"   "4552614"   "4584590"   "4610755"   "4668533"   "4685997"   "4879568"   "4959120"   "5155498"   "5266386"   "5273575"   "5281474"   "5340436"   "5381162"   "5406318"   "5543009"   "5628921"   "5729365"   "5787558"   "6196662"   "6218004"   "6257689"   "6290315"   "6491385"   "6506315"   "6565173").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 19:30
S11 4	46	("4552614").URPN.	USPAT	OR	ON	2006/03/16 19:31
S11 5	9	("5266386").URPN.	USPAT	OR	ON	2006/03/16 19:51
S11 6	60	(US-20050205011-\$ or US-20050076689-\$).did. or (US-4339296-\$ or US-4398994-\$ or US-4126511-\$ or US-4517045-\$ or US-5061837-\$ or US-4869778-\$ or US-5190463-\$ or US-5340436-\$ or US-5887520-\$ or US-5971051-\$ or US-6433303-\$ or US-4291444-\$ or US-3742182-\$ or US-5540871-\$ or US-5935617-\$ or US-3689629-\$ or US-6797315-\$ or US-4237209-\$ or US-4272612-\$ or US-5916393-\$ or US-4472461-\$ or US-5322729-\$ or US-4405878-\$ or US-3694260-\$ or US-5958137-\$ or US-4704348-\$).did. or (US-5567237-\$ or US-3816214-\$ or US-3869313-\$ or US-5762749-\$ or US-5539273-\$ or US-5690532-\$ or US-5215624-\$ or US-H002087-\$ or US-5248386-\$ or US-4803136-\$ or US-2530436-\$ or US-3415699-\$ or US-4124437-\$ or US-5352634-\$ or US-5426074-\$ or US-3329542-\$ or US-3898095-\$ or US-4432846-\$ or US-5672407-\$ or US-6932451-\$ or US-4552614-\$ or US-4915780-\$ or US-5628921-\$ or US-6946082-\$ or US-4767489-\$ or US-5266386-\$ or US-6218004-\$).did. or (US-2530436-\$ or US-3415699-\$).did. or (JP-2005268226-\$).did. or (US-20050205011-\$ or US-5690532-\$).did.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2006/03/16 20:50
S11 7	25	S116 and polymer\$4	US-PGPUB; USPAT	OR	ON	2006/03/16 20:50
S11 8	19	S116 and (polymer\$4 with (mask\$4 resist\$4))	US-PGPUB; USPAT	OR	ON	2006/03/16 20:04
S11 9	21	S116 and wire	US-PGPUB; USPAT	OR	ON	2006/03/16 20:50
S12 0	8	S116 and (wire with etch\$3)	US-PGPUB; USPAT	OR	ON	2006/03/16 20:53
S12 1	387	("204"/\$.ccls. "205"/\$.ccls.) and (etch\$3 with wire)	US-PGPUB; USPAT	OR	ON	2006/03/16 20:53
S12 2	41	("204"/\$.ccls. "205"/\$.ccls.) and (etch\$3 with (wire "tungsten filament") with (mask\$3 resist\$3))	US-PGPUB; USPAT	OR	ON	2006/03/16 22:16
S12 3	1	("6433303").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/16 22:16